

# Package ‘Hydra’

June 27, 2019

**Type** Package

**Title** Hydrating Package Skeletons into Executable R Study Packages

**Version** 0.0.5

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**Description** An R package and Java library for hydrating package skeletons into executable R study packages based on specifications in JSON format.

**License** Apache License 2.0

**VignetteBuilder** knitr

**Imports** rJava

**Suggests** testthat,  
knitr,  
rmarkdown

**NeedsCompilation** no

**RoxygenNote** 6.1.1

## R topics documented:

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Hydra	<i>Hydra</i>
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## Description

Hydra

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hydrate	<i>Hydrate a package skeleton according to study specifications</i>
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**Description**

Hydrate a package skeleton according to study specifications

**Usage**

```
hydrate(specifications, outputFolder, skeletonFileName = NULL)
```

**Arguments**

specifications	A string containign JSON specifications for hydrating the study. Specifications will be generated by ATLAS.
outputFolder	The folder where the hydrated package will be stored.
skeletonFileName	(Mostly for debugging purposes:) Specify the location of a package skeleton to hydrate. If not specified, the appropriate skeleton will be selected from those inside the Hydra package.

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loadSpecifications	<i>Load specifications from a JSON file</i>
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**Description**

Load specifications from a JSON file

**Usage**

```
loadSpecifications(fileName)
```

**Arguments**

fileName	Path to the JSON file
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**Value**

A string representation of the JSON.

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